

**HYDRAULIC
MECHANICAL
AND AIR JACKS**



"The Coverage Line"

**of outstanding lifting equipment for
cars, trucks, buses, industrial use**

AJAX MANUFACTURING CORPORATION OF WISCONSIN

Racine, Wisconsin, U.S.A.



AJAX NO. 65 AIR OPERATED ONE END LIFT



EXTRA DEEP 14½" REACH clears bumpers and chrome . . . lifts all cars safely, quickly, without damage.

65

Fingertip controls conveniently located at top of column. Spring loaded positioning wheel and full caster action for easy maneuvering and spotting.

Big, husky adjustable swivel saddles handle load firmly, safely . . . lift any make or model car.

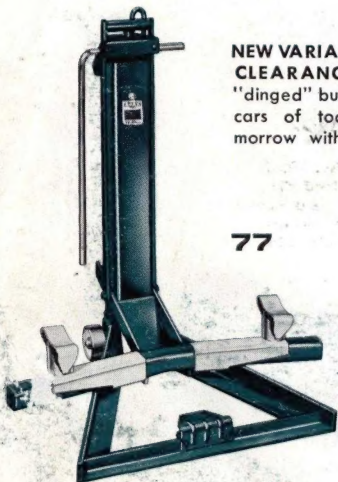
Lifting bar locks securely in raised position, allowing removal of air hose. Twin safety locks provide positive protection.

Ideal for wheel rotation, tire changing, front end, brake or shock absorber service or light body work. "HI-LIFT" Adapter AD12, available as an accessory, extends lifting range to 74⅞", for use under a lift.

SPECIFICATIONS

Capacity	1½ tons
Overall Height	39"
Overall Width	33"
Lifting Range	9⅞" to 32"
Reach (from cylinder to front of saddle)	14¼"
Saddle Adjustment	23⅞" to 43¼"
Weight	148 lbs.

AJAX NO. 77 ONE END HYDRAULIC LIFT



NEW VARIABLE COLUMN CLEARANCE eliminates "dinged" bumpers . . . lifts cars of today and tomorrow without damage!

77

Saddles rotate in full circle . . . lift by bumper bracket or face bar. Wide angle lifting bar increases column clearance from 9½" to 15" as saddles are spread.

Twin safety locks prevent accidental lowering.

V-Bar support platform rolls easily on malleable iron wheels and swivel type caster. Hydraulic pump lever doubles as maneuvering handle.

Husky, rugged, ideal for use on driveway or service floor . . . wherever it's necessary to release springs or have both wheels free and accessible.

SPECIFICATIONS

Capacity	1½ tons
Lifting Range	8½"-32⅞"
Power Raise	22½"
Clearance (Max.), Jack to Saddle Center	15"
Size of Saddles	6" x 2"
Saddle Adjustment	23⅞"-43¼"
Base Width (Front)	23⅞"
Weight	125 lbs.

AJAX NO. 75 MECHANICAL LIFT



LOW COST—LIGHT WEIGHT

75

Fills the complete needs of many automotive service men . . . provides an ideal "extra" one-end Jack for larger operations. Sturdy structural steel post construction . . . spring-tortion positioning roller . . . positive load-holding safety lock . . . easy moving heavy duty guide rollers . . . pressure lubricating system for working parts . . . and a full 3,000 lbs. capacity.

SPECIFICATIONS

Capacity	1½ tons
Lifting Range	8¼"-31"
Size of Saddles	2" x 5¼"
Center to Center of Saddles	10⅞"
Clearance, Center of Saddles to Post	10"
Weight	79 lbs.



AJAX HYDRAULIC SERVICE JACKS



Trouble-Proof Hydraulic Power Unit . . .
Non-Leaking Direct-Line Drive . . .
Removable Protective Cover Plate . . .
Gravity Balanced . . . Dual Speed Power
Pumps . . . Positive-Acting Release Valve . . .
Safety Overload Release . . . Convenient Handle
Knob Control . . . 3-Position Handle Lock . . .
Large Sure-Grip Lifting Cap . . . Full Thrust-
Bearing Rear Wheel Casters for Easy Positioning.

No. 74—4 Tons Capacity—ample to easily handle any passenger car and all but the heaviest trucks and tractors. Safe . . . dependable . . . trouble-free.

No. 2782—2 Tons Capacity—to handle all but the heaviest cars with ample margins of safety and power. Easy to operate . . . ample chassis length for dollying.

SPECIFICATIONS

	No. 74	No. 2782
Capacity	4 tons	2 tons
Power Raise	20"	16 1/4"
Lifting Range	4"-24"	3 3/4"-20"
Maximum Frame Height	6 7/8"	6 1/4"
Chassis Length	51 1/2"	41 3/4"
Handle Length	41 1/2"	41 1/2"
Cap Size	7" Dia.	7" Dia.
Wheel Size (Front)	4 1/2" Dia.	3 3/4" Dia.
Weight	185 lbs.	120 lbs.

AJAX HEAVY DUTY HYDRAULIC SERVICE JACKS

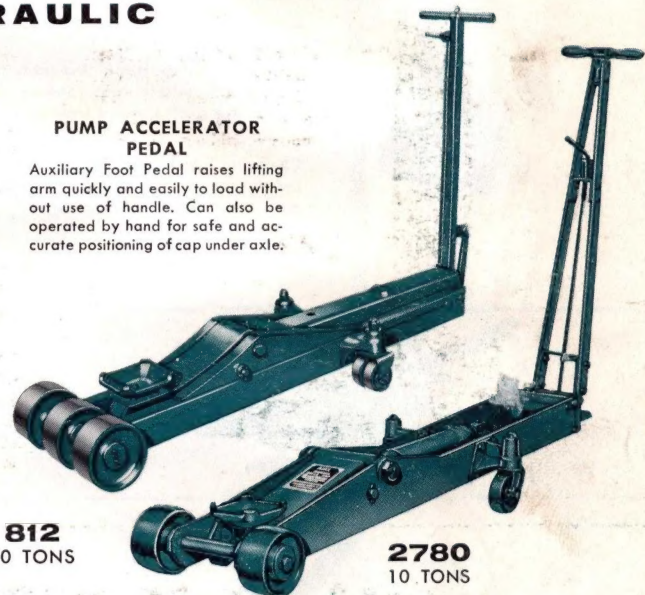
Dependable, proven jacks for shops servicing heavy-duty buses and trucks. Precision-built hydraulic power unit has a specially honed cylinder for low effort, smoother operation and longer life. Long, sturdy steel frame . . . malleable bellcrank with drop forged self-leveling lifting cap . . . oversized roller bearing wheels and long handle with three-stop positive lock.

SPECIFICATIONS

	No. 2780 10 TONS	No. 812 20 TONS
Lifting Range	6"-22"	6 1/2"-25 1/2"
Chassis Length	65"	68 1/2"
Handle Length	43"	40"
Chassis Height	8 1/2"	10 1/4"
Low Height	6"	
Power Raise	16"	19"
High Height	22"	25 1/2"
Cap Size	5 3/4" x 5 3/4"	
Front Wheel Size	6" Dia.	
Weight	355 lbs.	530 lbs.

PUMP ACCELERATOR PEDAL

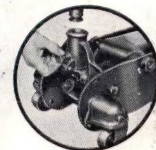
Auxiliary Foot Pedal raises lifting arm quickly and easily to load without use of handle. Can also be operated by hand for safe and accurate positioning of cap under axle.



AJAX 1 1/2 TON HYDRAULIC QUICK SERVICE JACKS

Low cost, hydraulically-operated jacks for speedy curb, road or shop service on any passenger car or light truck. Modern engineering design and dependable long-life operating features provide unequalled value at surprisingly low cost.

OUTSTANDING FEATURES: "Leak-proof" power unit . . . metal shielded pump . . . reinforced bell crank . . . armor-plate steel chassis . . . handle-balanced . . . "zip-off" handle . . . over-sized wheels . . . "slip-proof" giant lifting cap . . . overload safety valve . . . direct action release control.



Off zips handle by turn of a "thumb screw" . . . ready to stow in the trouble car. Yet it is securely engaged during use for positive raising and lowering action.

2767



No. 71 Same as No. 2767 with solid wheels Front and Rear



AJAX AUTOMATIC TRANSMISSION JACKS

For Safe, Fast One-Man Servicing of All Automatic Transmissions
Complete with Accessories to Handle All Makes

Designed specifically for the removal, installation and servicing of all types of automatic transmissions, including Chevrolet "Powerglide."

No. 34 FLOOR TYPE . . . Low-Slung Compact Design . . . Low-Effort, Full-Lifting Range Operation . . . Extra-Heavy Steel Tip-Proof Chassis . . . Counter-Balanced Lifting Arm . . . Easy-Rolling, Ball-Bearing Caster Wheels . . . Convenient Dollying Handle. All adapters included.

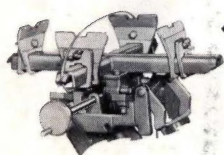


34

No. 37 PEDESTAL TYPE . . . Easy Accessibility for under-lift servicing . . . Long-Life, Trouble-Free Hydraulic Power Raise . . . Foot-Pedal Operation . . . Easy-Rolling, Ball-Bearing Caster Wheels . . . Tip-Proof 4-Wheel Base for Complete Stability and Safety . . . Work-Free Design for Operator Convenience.

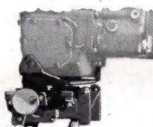


37



Universal Lifting Head Assembly with easily and quickly adjustable pick-up blades for each type of transmission.

Chevrolet "Powerglide" Adaptor Head bolts directly to transmission for safe, easy removal of "Powerglide."

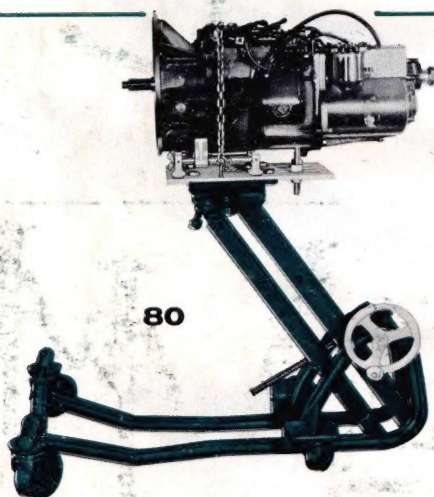


New AJAX NO. 80 Micro-Matic Heavy-Duty Truck Transmission Jack

For Servicing Transmissions • Differentials • Torque Converters

Featuring . . .

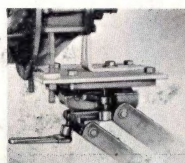
Universal Lifting Head and Adaptors . . . Micro-Accurate Elevating and Tilting . . . Positive Automatic Safety Braking . . . Low-Effort Saginaw Ball-Bearing Elevating Screw . . . Sturdy Low Gravity Centered Tubular Frame . . . Easy-Dollying Over-Size Roller-Bearing Wheels . . . Convenient Controls for One-Man Operation.



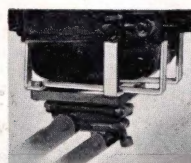
80

SPECIFICATIONS

	No. 34	No. 37	No. 80
Capacity (Lifting Load)	500 lbs.	500 lbs.	1 ton
Capacity (Positioning Load)	750 lbs.	750 lbs.	1 ton
Lifting Range	8¾"-26⅝"	37"-75½"	7½"-36½"
Overall Length	43¼"	38"	48"
Overall Width	20¼"	38"	36"
Overall Height (Lowered)	16"	35"	18¾"
Low Height (At Load Pick-Up Point)	8¾"	37"	7½"
Power Raise	17⅞"	38½"	29"
Maximum Height (At Load Pick-Up Point)	26⅝"	73½"	36½"
Wheel Base	25½"	35"	31¼"
Wheel Diameter	2½"	4"	6" (Front) 4" (Rear)
Maximum Rearward Tilt	17½°	15°	10°
Maximum Forward Tilt	75°	80°	10°
Sideways Tilt			10°
Shipping Weight	145 lbs.	200 lbs.	265 lbs.



Differential Adaptor AD-10—Handles all types of truck differentials (except topmounted).



Allison Torqmatic Adaptor AD-11—6 supports contact transmission at flange . . . keep weight off oil pan.

CORVAIR POWER TRAIN CRADLE—Low cost . . . installed in minutes . . . assures super-safe, exact hold of Corvaire Power Train during removal and installation.



AJAX MECHANICAL UNIT LIFT NO. 78

For Servicing Heavy Under-Vehicle Units

For car dealers and independent maintenance shops who service heavy under-vehicle units on trucks and buses. Provides safe, easy means of removing and replacing transmissions, differentials, front and rear axle units and many other difficult under-vehicle jobs. Large cap also adaptable to individual "shop-made" holding devices. Saves man hours . . . makes a "one-man" job out of an otherwise "two-or-three-man" operation—safely.

SPECIFICATIONS

Capacity	1000 lbs.
Lifting Range	3"-25"
Cap Size	10" x 10"
(Cap fitted with 4 adjustable screw grips, cone pointed and hardened)	
Overall Length	48"
Overall Width	20"
Highest Point of Frame	9"
Weight	140 lbs.



78

AJAX PEDESTAL TYPE JACK NO. 2700

A multi-purpose, low-cost lift accessory that will pay for itself many times over . . . relieves the weight from car springs to permit efficient lubrication of spring leaves, servicing of frozen shackles and to provide increased body clearance for exhaust system service.

Folding foot pedal allows the Ajax Rocker Jack to be rolled into position. It also has two positions for 1" or 2" rocking stroke. 50 lbs. pressure on pedal exerts 400 lbs. on saddle-type malleable cap.

SPECIFICATIONS

Lifting Range	54"-81"
Screw Adjustment	27"
Weight	39 lbs.



2700

AJAX SERVICE RACKS

Sturdy • Safe • Dependable • Inexpensive

Durable and dependable . . . yet priced so low any shop can afford a pair for every mechanic. Quickly adjustable. Over-size, turned edge base for sure grip . . . strong, pressed steel frame . . . rugged malleable iron rack bar with positive dog mechanism. Large, husky lifting cap assures firm grip.

SPECIFICATIONS

No.	Capacity	Lifting Range	Wt. (Pair)
81	10 tons	18½"-30"	76
82	2 tons	11"-17¾"	17
85	5 tons	14¾"-24¾"	35
87	7 tons	20"-30"	48



81

87

2, 5, 7 and
10 ton capacity
models

82
85





AJAX PORTABLE HYDRAULIC JACKS

For All Automotive, Industrial and
Agricultural Services 1½ to 20 Tons Capacity



No. 2915—1½ Tons
For Light Automotive, Home or Shop Use

No. 2930—3 Tons



No. 2935—5 Tons
For Medium Trucks, Buses; Farm and General Shop Use

No. 2940—8 Tons

Ajax offers a complete line of portable hydraulic under-axle jacks . . . engineered to modern needs. Easy to operate and maintain.

Streamlined tank distributes weight load evenly on base to prevent damage from eccentric loading. Ribbing strengthens base . . . improved cup leathers prevent leaking. Safety release control . . . synchronized valve action . . . self-locking screw with integral cap . . . and precision fit, extra-strength cylinder and ram.

No. 2915—An all-purpose unit. Ideal for under-axle lifting of passenger cars and light trucks . . . and for general shop or home use.

No. 2930—For medium light trucks and buses, shop, farm and industrial use.

No. 2935—Excellent for General service, utility shop, farm use and medium trucks and buses.

No. 2940—Rugged lifting power for all but the heaviest trucks and buses without removing the pay load. Also popular for industrial and farm use.

No. 2950—Designed as tool box jack for emergency tire changes on heavy trucks and buses. Also ideal for general shop, farm and industrial lifting needs.

No. 2953—For heaviest trucks, buses, shop service bending, straightening, pushing and lifting. Has "feather-touch" low-effort control mechanism . . . micro-finished power cylinder and eccentric load base seal for trouble-free dependability . . . convenient carrying and positioning handle.

SPECIFICATIONS

No.	Capacity	Height	Raise	Ext. Screw	Ram Dia.	Base Size	Handle	Weight
2915	1½ Tons	7¼"	5⅛"	2⅞"	7⁄8"	3" x 5¾"	19½"	8 lbs.
2930	3 Tons	8½"	6"	3½"	1⅛"	3½" x 6¼"	23½"	13 lbs.
2935	5 Tons	9"	6¼"	4"	1⅜"	4¼" x 6⅝"	23½"	17 lbs.
2940	8 Tons	9"	6¼"	4¼"	1½"	4½" x 6⅞"	23½"	20 lbs.
2950	12 Tons	9"	5½"	3¼"	1¾"	4¾" x 7⅝"	23½"	26 lbs.
2953	20 Tons	10¾"	7¾"	...	2¼"	7" x 5½"	23½"	48 lbs.



2950

No. 2950—12 Tons
For Heavy Lifting, Trucks, Buses, Farm, Shop and Industrial Use



2953

EXTRA HEAVY DUTY JACKS

30 TO 100 TON MODELS

Power-plus lifting ability, precision construction and rugged durability for all extra heavy duty lifting, bending, straightening and pushing operations. Steel base tapped for pressure gauge. Dual release valves can be operated from either side. Overload valve. Heat treated ram heads. Drop-down positioning handles on 50—100 ton models. Tandem two-speed pump contacts load quickly; then by sliding pumping handle back, operator disengages speed pump to lift maximum load easily.



SPECIFICATIONS

No.	Capacity	Height	Raise	Ram Dia.	Base Size	Handle	Weight
2961	30 Tons	11"	7⅞"	2¾"	8" x 6½"	23½"	70 lbs.
2962	50 Tons	11"	6"	3⅝"	9⅞" x 8"	23½"	118 lbs.
2963	100 Tons	12"	6⅞"	4½"	12" x 9½"	23½"	224 lbs.



AJAX 1½ TON BIPOD

SERVICE BUMPER JACKS

No. 21 COMET ECONOMY JACK

Unequalled among economy jacks for performance, safety, convenience

Low cost answer to tire changing and other services requiring a one-wheel lift for shop, driveway or on-the-road calls. Easy, safe operation is assured by ball thrust bearing at top of column.

Safety-notched support braces for maximum rigidity; simplified set-up of bipod design; combination hood and load-rest designed to fit all bumpers; precision cut screw thread; inverted channel to prevent dirt from falling on screw; "Swivel-Sleeve" handle stays firmly in grasp.

Counter-Acting
Roller Design

Saginaw Ball and
Screw Power Unit

Reduces lifting effort
as much as 76%



NO. 69 JET HEAVY-DUTY JACK

Easiest-operating service bumper jack ever offered. Two of them easily make a complete one-end raise. Features Saginaw suspended screw action and counter-acting roller design; spring-set adjustable lifting hook; light weight portability; comfortable "stand-up" swivel handle; oversized bases and safe-locking spreader bar; and extra strong, non-corrosive zinc-coated support columns.

SPECIFICATIONS

Capacity	1½ tons
Lifting Range—Fixed Saddle	6½"-29½"
Overall Height	37½"
Overall Width	23½"
Base Size (Front)	10½" x 2"
(Rear)	10½" x 2"
Weight	24 lbs.

1½ Tons
6½"-30¾"

15 lbs.

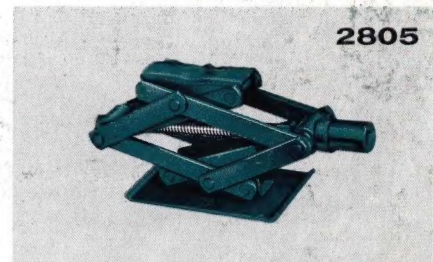
AJAX SCISSORS JACK

No. 2805 1½ tons capacity...easy operation...extreme lifting range...low cost

A superior quality under-axle mechanical scissors action jack with outstanding features . . . Oversized sled-type base . . . extra heavy steel linkage . . . deep grooved Acme thread lifting screw . . . self-centering grip saddle . . . fully enclosed thrust bearing . . . long folding handle with semi-universal driving end.

SPECIFICATIONS

Lifting Range	4¾"-14½"
Weight	14 lbs.
Handle Length	49¾"
Base Size	4" x 8"



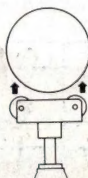
AJAX LIFT-N-TURN JACK ADAPTER

No. AD-14—Saves time and trouble when necessary to raise the front end of the engine in order to remove oil pan. Allows free rotation of the crankshaft *while the engine is supported* . . . eliminating need to lower the engine for accurate crankshaft rotation.

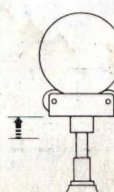
AD-14



Place Lift-n-Turn
on lifting cap
of any 3 or 5 ton
portable
hydraulic jack.



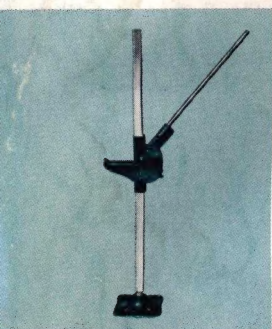
Pump jack until
Lift-n-Turn rollers
contact harmonic
balance pulley
attached to front end
of crankshaft.



Raise the engine 1 to
3 inches; rotate
counterweights or
crank throws out of
the way by turning
crankshaft.



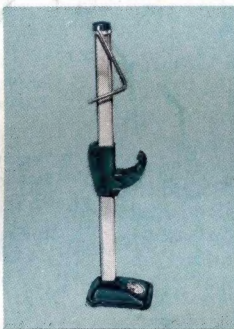
AJAX PASSENGER CAR JACKS BUMPER JACKS



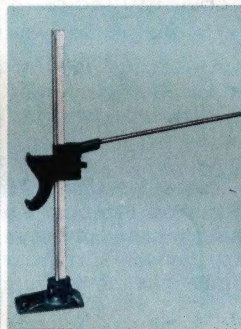
No. 10—1 Ton Capacity



No. 17—1½ Ton Capacity



No. 14—1 Ton Capacity



No. 22—1 Ton Capacity



No. 2020—1 Ton Capacity

No. 10—MECHANICAL TYPE—Low-cost ratchet-action mechanical bumper jack for volume buyer and used car market. Durable "Rigid Tube" zinc-coated rack bar . . . rust-proofed mechanism . . . sturdy one-piece removable handle . . . rigid oversized formed base removable for compact storage . . . and attractive red baked enamel finish on jack body, handle socket and base. Lifting hook fits all cars.

No. 17—HYDRAULIC TYPE—A top quality, low cost jack with fast, low effort hydraulic operation. Exclusive "Link-Lifter" Hook has 22 starting height adjustments and provides safe, snug grip on any bumper. Convenient removable handle . . . positive-acting release valve . . . enclosed pump . . . precision-built hydraulic power unit.

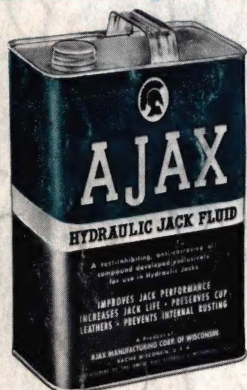
No. 14—MECHANICAL TYPE—Provides new ease of operation, safety, and stability. Counteracting roller design and bearing-cushioned suspended screw reduce lifting action as much as 47%. Extra-strong U-channel support column . . . large gravity-centered base . . . adjustable lifting hook that automatically fits contour of any bumper.

No. 22—RATCHET ACTION TYPE—For all passenger cars and light trucks. Y-Column design for greater strength . . . 25% more rigidity than other shapes of equal weight. Precision-cut ratchet teeth allow easy lifting, smooth lowering. Hinged load rest adapts to bumper contour. "Long-Toe" base gives maximum stability. Easy assembly and disassembly.

No. 2020—RATCHET ACTION TYPE—Combines maximum speed with minimum operating effort and exceptional tripod stability. Positive mechanical ratchet action . . . extra-strong, light weight formed tube rack bar . . . frictionless rollers for easy lifting . . . universal saddle type lifting hook . . . reverse action hand lever . . . stand-up operating removable handle . . . folds flat for convenient storage.

SPECIFICATIONS

No.	Height	Lifting Range	Handle	Base Size	Wt. Lbs.	Std. Case
10	32"	4½"-29"	16"	6½" x 7½"	8	6
14	36½"	5¾"-31"	6" x 8"	15	2
22	34½"	5½"-30¾"	20"	6" x 8"	15	1
17	22¼"-41"	4½"-23¼"	14"	3¼" x 5½"	19	6
2020	35¾"	6½"-30½"	19¾"	Tripod	15	3

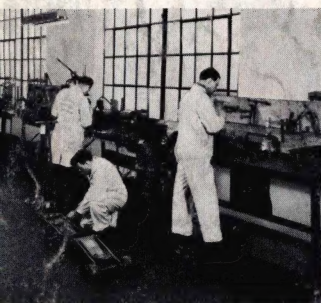


AJAX HYDRAULIC JACK FLUID

A scientifically compounded, non-corrosive oil alloy developed especially for use in hydraulic jacks. Contains a special rust-inhibiting ingredient which provides a protective coating against corrosion from atmospheric condensation . . . preserves cup leathers . . . prevents foaming and air binding . . . prolongs jack life . . . peeps up jack performance . . . flows at 50° below zero. Available in quart and gallon cans.

SUPER KWICK The New Super-Fast Rust Solvent

For use wherever "rust-busting" problems are encountered. Unusual creeping ability with speedy rust-freeing action and depth penetration. Holds rust in a soft graphite-like form for hours. Leaves a surface of fine lubrication. Available in gallon, quart and pint containers.



AJAX SERVICE FACILITIES

When you need expert "preventive" maintenance or repair service on Ajax lifting equipment, use the facilities of the nearest Direct Factory Branch or Authorized Service Depot listed in the current Ajax price sheet. It will save you time and money. Our Factory Branches and Authorized Service Depots provide complete repair facilities, factory-trained specialists, a large stock of genuine factory parts, specially designed tools and testing equipment for the proper servicing of mechanical and hydraulic jacks. Only Ajax Official Service Stations and Factory Branches can give you this service. Only by sending your equipment to them can you get a new jack guarantee, appearance and performance for your present equipment.

AJAX MANUFACTURING CORPORATION
of WISCONSIN